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Ford County - Kansas

Holliday Farm #1
Ford County

Holliday Farm, SW 7 - 25 - 23W - - - -

PLAINS DISTRICT

Formation	Thickness	Depth	Remarks
Soil, light, soft	20	0 - 20	
Lime, " "	20	20 - 40	
Blue slate, light, soft	20	40 - 60	
Red rock, dark, soft	20	60 - 80	
Slate, dark, soft	20	80 - 100	Water 110 to 125
Lime shell, dark, soft	10	100 - 110	
Sandy, light, medium	20	110 - 130	
Slate, light, soft	20	130 - 150	
Slate, dark, soft	20	150 - 170	
Sand, light, soft	15	170 - 185	
Slate, light, soft	10	185 - 195	
Red rock, light, soft	30	195 - 225	
Sand, light, medium	15	225 - 240	15" set at 258
Slate, dark, soft	20	240 - 260	
Red rock	15	260 - 275	
Lime, light, firm	15	275 - 290	
Sand, light, soft	20	290 - 310	
Sand, light, firm	5	310 - 315	
Sand, light, soft	35	315 - 350	
Sand, dark, soft	5	350 - 355	
Lime, dark, hard	5	355 - 360	
Shale, dark, medium	3	360 - 363	
Lime, light, firm,	21	363 - 384	
Slate, dark, soft	16	384 - 400	
Lime, light, firm	15	400 - 415	
Slate shells, light, medium	35	415 - 450	
Sand, light, medium	20	450 - 470	
Slate and shells, dark, "	30	470 - 500	
Shale, dark, soft	15	500 - 515	
Sand, light, medium	15	515 - 530	
Slate, dark, soft	10	530 - 540	
Sand, heavy, caving	191	540 - 731	Hole full of salt water at 680.
Red rock, soft	2	731 - 733	
Lime, light, medium	10	733 - 743	
Red rock, soft	25	743 - 768	
Lime, light, medium	10	768 - 778	
Red rock, medium	20	778 - 798	
Shelly, light, medium	10	798 - 808	
Red rock, soft	15	808 - 823	
Lime, dark, soft	20	823 - 843	
Red rock, soft	15	843 - 858	
Lime, light, soft	10	858 - 868	
Red rock, soft	10	868 - 878	

Formation	Thickness	Depth	Remarks
Red rock, soft	122	878-1000	10" set 6/20 at 1929
Sand, heavy red, soft	165	1000-1165	
Red sand, soft	30	1165-1195	
Lime, light, firm	55	1195-1250	
Red rock, medium	265	1250-1515	8 $\frac{1}{4}$ set 7/20 to 1531 nice show- ing of oil
Lime, light, firm	40	1515-1555	
Sand, light, soft	10	1555-1565	
Lime, light, firm	2	1565-1567	
Slate, blue, soft	8	1567-1575	
Red rock, soft	20	1575-1595	
Slate, blue, soft	20	1595-1615	
Red rock, soft	50	1615-1665	
Slate, blue, soft	10	1665-1675	
Slate, blue	50	1675-1725	
Red rock, medium	185	1725-1910	Permian Redbeds
White slate, medium	8	1910-1918	8 $\frac{1}{4}$ set 8/7
Shale, brown, medium	10	1918-1928	
Shells, white, medium	2	1928-1930	
Sand, light, medium	5	1930-1935	
Slate, light, medium	15	1935-1950	
Lime, light, firm	8	1950-1958	
Slate, light, medium	82	1958-2040	
Sand, light, soft	10	2040-2050	
Lime, light, firm	10	2050-2060	
Slate, medium, light	65	2060-2125	
Lime, white, medium	10	2125-2135	
Slate, white, medium	25	2135-2160	
Rock salt, white, medium	30	2160-2190	
Lime, white, firm	35	2190-2225	Wellington-
Rock salt, light, firm	10	2225-2235	10 feet hard
Slate, light, soft	35	2235-2270	
Limey, light, medium	70	2270-2340	
Slate, light, medium	5	2340-2345	
Lime, light, firm	15	2345-2360	
Limey, light, medium	20	2360-2380	
Slate, dark, soft	20	2380-2400	
Slate, light, medium	20	2400-2420	
Lime, light, hard	20	2420-2440	
Shelly, light, medium	25	2440-2465	
Lime sandy, light, firm	30	2465-2495	
Slate, light, soft	5	2495-2500	
Lime sandy, light, medium	50	2500-2550	
Lime sandy, light, firm	35	2550-2585	
Red rock, red, soft	5	2585-2590	
Lime, light, medium	20	2590-2610	2 bailers
Slate, light, soft	10	2610-2620	water 2605'
Red rock, red, soft	15	2620-2635	
Lime sandy, light, medium	20	2635-2655	Gas from 2640 to 2650

Formation	Thickness	Depth	Remarks
Lime, dark, medium	25	2655-2680	
Sand, dark, medium	25	2680-2705	
Lime, light, firm	80	2705-2785	
Red rock, red, soft	10	2785-2795	
Lime, light, medium	5	2795-2800	
Sandy lime, light, firm	60	2800-2860	
Slate, light, medium	10	2860-2870	
Lime, light, hard	5	2870-2875	
Red rock, red, soft	10	2875-2885	
Lime, light, firm	20	2885-2905	
Red rock, red, soft	5	2905-2910	
Lime, light, firm	10	2910-2920	
Red rock, red, soft	15	2920-2935	
Lime, light, firm	10	2935-2945	
Red rock, red, soft	20	2945-2965	
Lime, light, medium	49	2965-3014	Aug. 21, 1921
Lime, light, firm	30	3014-3044	6 1/4 casing
Red rock, red, medium	10	3044-3054	
Lime, light, firm	20	3054-3074	4 bailers water
Slate, dark, medium	21	3074-3095	
Lime, light, medium	10	3095-3105	
Shale, light, medium	5	3105-3110	
Lime, light, firm	15	3110-3125	
White sand, light, firm	20	3125-3145	
Brown shale, light, firm	10	3145-3155	
Lime, light, firm	30	3155-3185	
Sand and water, white, soft	15	3185-3200	Hole filled with
Lime, light, firm	40	3200-3240	water at 3200'
Slate, dark, soft	30	3240-3270	
Asphalt	3	3270-3273	
Slate, dark, soft	12	3273-3285	6 1/4" pipe to 3273
Lime, light, firm	55	3285-3340	
Red rock, red, soft	10	3340-3350	Cave
Shale, dark, soft	65	3350-3415	
Lime, light, hard	33	3415-3448	
Slate, dark, soft	2	3448-3450	
Lime, light, firm	33	3450-3483	
Sand, light, firm	12	3483-3495	
Slate, dark, soft	6	3495-3501	
Lime, light, firm	4	3501-3505	
Slate and shells, light, medium	95	3505-3600	
Lime, light, firm	10	3600-3610	
Sand, light, medium	15	3610-3625	
Lime, light, very hard	19	3625-3644	
Sand, light, soft	6	3644-3650	Hole full of

water. Drilling
completed
11-21-21.

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COPY

COMPANY DODGE CITY

SEC. 7 T. 25 R. 23W

LOC. SW SW SW

FARM Halladay

NO. 1

COUNTY Ford

TOTAL DEPTH 3650'

COMM. 5-7-21

COMP. 11-26-21

SHOT OR TREATED

CONTRACTOR

ISSUED

KANSAS

CASING

20		10	1148'
15	258' 9"	8	1910'
12	500'	6 3/4	3273'
13		5	

ELEVATION

PRODUCTION Dry

FIGURES INDICATE BOTTOM OF FORMATIONS

soil	20	slate	1675	slate	3095
lime	40	red rock red	1820	lime	3105
slate	60	shale	1870	shale	3110
red rock red	80	red rock	1905	lime	3125
slate	100	slate	1925	sand	3145
lime shell	110	red rock red	1930	brwn shale	3155
sdv-wtr fr 110-125'	130	sand	1935	lime	3185
slate	150	slate	1950	sand wtr -HFW	3200
slate	170	lime	1958	lime	3240
sand-wtr	170-185	slate	2040	slate	3270
slate	195	sand	2050	asphalt	3273
red rock red	225	lime	2060	slate	3285
sand	240	slate	2125	lime	3340
slate	260	lime	2135	red rock red-cave	3350
red rock red	275	slate	2160	shale	3415
lime	290	rock salt	2190	liner in hole 195-2 in	
sand-wtr @ 295-390'	310	lime	2225	length	
sand	315	rock salt	2235	lime	3448
sand	350	slate	2270	slate	3450
sand	355	lime	2340	lime	3483
shale	363	slate	2345	sand	3495
lime	384	lime	2380	slate	3501
slate	400	slate	2420	lime	3505
lime	415	lime	2440	slate-shells	3600
slate shell	450	shelly	2465	lime	3610
sand-wtr	470	lime sdv	2495	sand	3625
slate shells	500	slate	2500	lime	3644
shale	515	lime sdv	2550	sand-HF salt wtr.	3650
sand	530	lime	2585	Total Depth	
slate	540	red rock red	2590		
sand-caving-HFW	731	lime-2 blrs. wtr @ 2605'			
red rock red-salt			2620		
wtr @ 680'	733	slate	2620		
lime	743	red rock red	2635		
red rock red	768	lime sdv-Gas fr 2640-2650'			
lime	778		2655		
red rock red	798	lime	2680		
shelly	808	sand	2705		
red rock red	823	lime	2785		
lime	843	red rock red	2795		
red rock red	858	XXX XXXX XXX	XXX		
lime	868	lime	2800		
red rock red	878	lime sdv	2860		
red bed red	1000	slate	2870		
sand red	1165	lime shell	2875		
red sand red	1195	red rock red	2885		
lime	1250	lime	2905		
red rock red	1515	red rock red	2910		
lime	1555	lime	2920		
sand-nice show oil	1565	red rock red	2935		
lime	1567	lime	2945		
slate	1575	red rock red	2965		
red rock red	1595	lime	3044		
slate	1615	red rock red	3054		
red rock red	1665	lime-4 blrs wtr	3074		